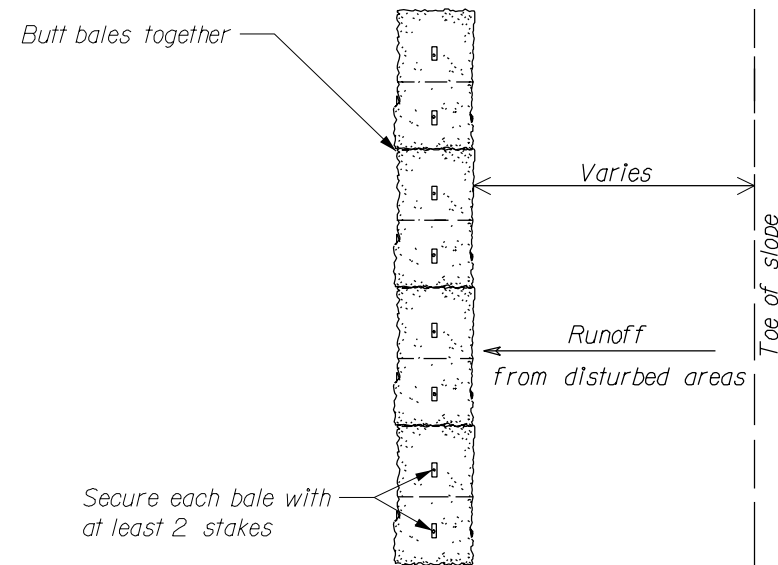
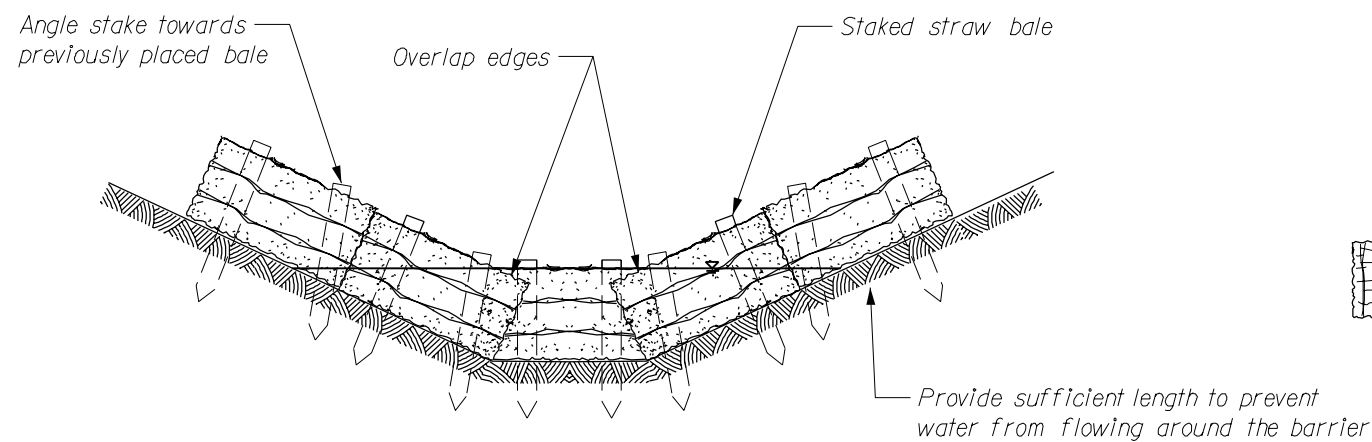


ELEVATION



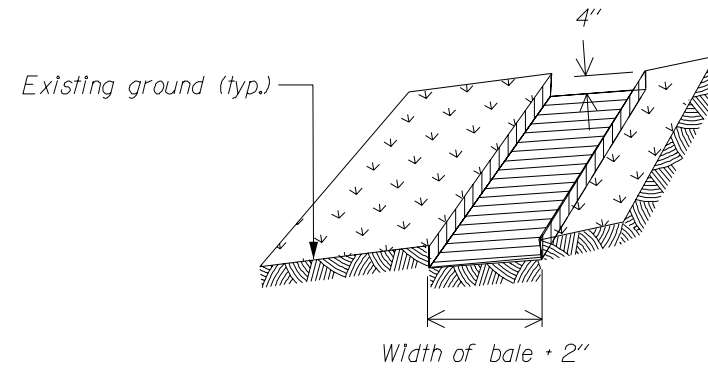
PLAN

### INSTALLATION OF A STRAW BALE BARRIER AT TOE OF FILL

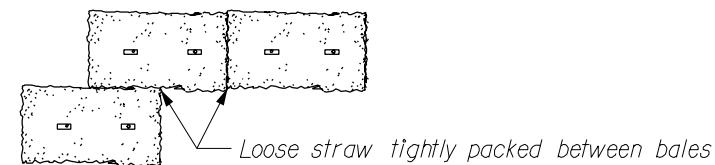


ELEVATION

### INSTALLATION OF A STRAW BALE BARRIER IN DITCH



Step 1: Excavate trench

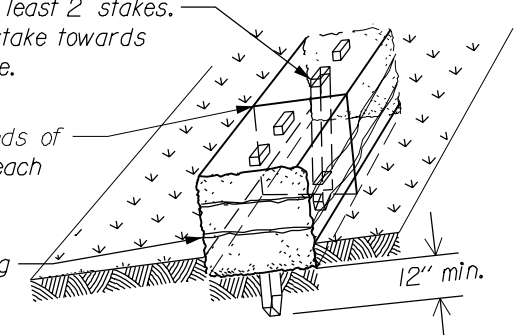


Step 3: Tightly pack straw between bales  
(plan view of bales)

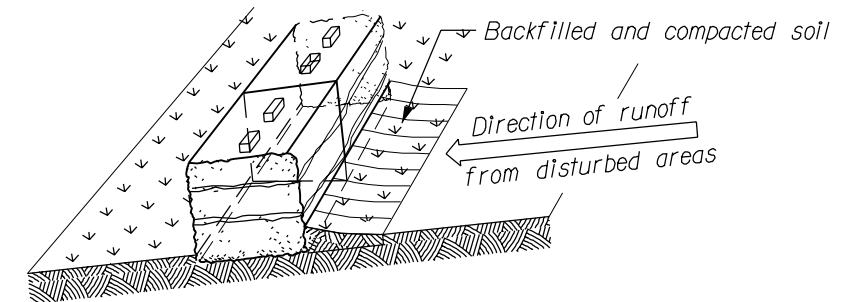
Secure each bale with at least 2 stakes.  
Angle the point of first stake towards  
the previously placed bale.

Install bales in trenches with ends of  
adjacent bales tightly abutting each  
other or overlapping

Orient bale so that string binding  
is placed horizontal

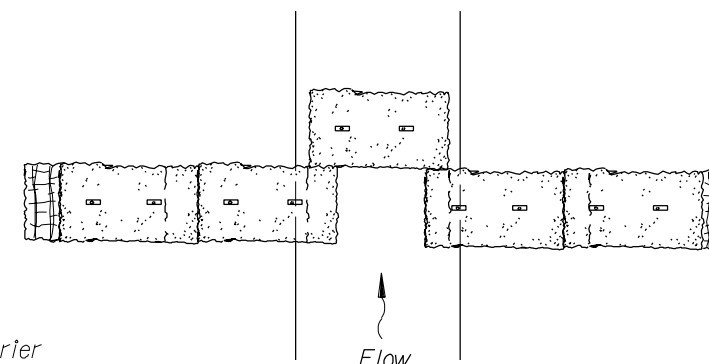


Step 2: Install bales



Step 4: Backfill soil against bales

### PROPERLY STAKED AND ENTRENCHED STRAW BALES



PLAN

Note:

Use straw bales in drainage ditches  
only for low flow conditions and when  
specified on the Erosion Control Plans.

|                                                                                              |          |
|----------------------------------------------------------------------------------------------|----------|
| U.S. DEPARTMENT OF TRANSPORTATION<br>FEDERAL HIGHWAY ADMINISTRATION<br>FEDERAL LANDS HIGHWAY |          |
| STANDARD                                                                                     |          |
| STRAW BALES                                                                                  |          |
| STANDARD APPROVED FOR USE --/----                                                            | STANDARD |
| REVISED:                                                                                     | 157-3    |

(not to scale)